

distinguish between mouse and chicken orthologues and the lack of cross reaction to chick sequences was confirmed on cDNA from feeder cells alone.

Wnt3: G CGC CCT GGC TCA CTA C (SEQ ID NO:1)

and ATG CTG CTG CTG CTG GCC (SEQ ID NO:2) for 30 cycles

Wnt4: TGA TCC AGA GGC AGG TGC AG (SEQ ID NO:3)

and CTT CTC CAG TTC TCC ACT GC (SEQ ID NO:4) for 36 cycles

Wnt5a: CTG TTG AC TGC ACC AGC TT (SEQ ID NO:5) and

TCA AGG AAT GCC AGT ACC AGT ACC AG (SEQ ID NO:6) for 30 cycles

Frizzled-7: CTG CTA GAG GAC CGT GCC (SEQ ID NO:7)

and AGG TGC GTT CCC AGT GCT (SEQ ID NO:8) for 36cycles

Disheveled-2: CAT CCT TCA GCA GTG TCA (SEQ ID NO:9)

and CGT CAT TGT CAT TCA GAG (SEQ ID NO:10) for 36 cycles

GSK-3 : CAG GGC ACC AGA GTT GAT (SEQ ID NO:11)

and GCA GAA GCG GCG TTA TTG (SEQ ID NO:12) for 30 cycles

-catenin: CCA CCA GCT AGG CGC ACT (SEQ ID NO:13)

and GGG CTC AGA GGG TCC GAG (SEQ ID NO:14) for 30 cycles

LEF-1: ACT GTC AGG CGA CAC TTC C (SEQ ID NO:15)

and TGC ACG TTG GGA AGG AGC (SEQ ID NO:16) for 36 cycles

Shh: for 30 cycles

Patched-1: AGC CTC ACA GTA ACA CCC (SEQ ID NO:17)

and TGT TCT CCT CCA GCA TGA (SEQ ID NO:18) for 36 cycles

Gli-1: TTG GGG ATG CTG GAT GGG (SEQ ID NO:19)

and CGG TCA CTG GCA TTG CTA (SEQ ID NO:20) for 36 cycles

-actin: 5'-CCA CAC CCG CCA CCA GTT C-3' (SEQ ID NO:21)

and 5'-GAGGAAGAGGATGCGGCA-3' (SEQ ID NO:22) for 26 cycles

GFP: 5'-TGCAGTGCTTCAGCCGCTAC- 3' (SEQ ID NO:23) and

5'-CTCGTTGGGGTCTTTGCTCA-3' (SEQ ID NO: 24) for 26 cycles.--